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Filing Date: October 31, 2003
Title: TECHNIQUES FOR PRESERVING CONTENT DURING A REDIRECTION FOR AUTHENTICATION

IN THE CLAIMS

Please amend the claims as follows.

1.   (Currently Amended) A method for preserving content, comprising:

receiving a request having content originating from a non-authenticated client, wherein the request is a content-bearing and is issued from the client;

modifying the request and associating the content with the modified request, wherein the modified request is done to permit the content to be recaptured after the non-authenticated client is authenticated;

redirecting the non-authenticated client to an authentication service and including the modified request; and

receiving the modified request from an authenticated client, via a resubmit application transparently installed on the client, and reacquiring the content using the modified request from the client, wherein the content is available from the modified request and does not have to be re-supplied by a user associated with the client after successful authentication.

2.   (Original) The method of claim 1 wherein the modifying further includes compressing the content within the modified request.

3.   (Previously Presented) The method of claim 1 wherein the modifying further includes directing the non-authenticated client to store the content in a temporary file and identifying the temporary file within the modified request.

4.   (Original) The method of claim 1 wherein the modifying further includes assigning a key to the modified request, storing the content, and indexing the content based on the key.

5.   (Currently Amended) The method of claim 1 wherein the redirecting further includes installing [[a]] the resubmit application on the non-authenticated client that transparently transmits the modified request from the client back to the receiving the modified request processing when the non-authenticated client is successfully authenticated.

6.   (Original) The method of claim 1 further comprising recreating the content based on directions provided in the modified request.

7.   (Previously Presented) The method of claim 1 wherein receiving the request further includes receiving the request as a Uniform Resource Locator (URL) request from a World-Wide Web (WWW) browser on the non-authenticated client, the request received over the Intent using Hyper Text Transfer Protocol (HTTP) communications.

8.   (Currently Amended) A method for preserving content, comprising:

issuing, from a client, a content-bearing request to a service, wherein the content-bearing request originates from [[a]] the client and is directed to the service;

receiving, at the client, a modified request and a redirection for authentication along with a directive to retain the content at the client, and wherein a resubmit application is also received on the client and the resubmit application assists in redirecting to an authentication service and subsequent to the authentication automatically and transparently sends the modified request back to the service;

authenticating the client with the [[an]] authentication service; and

issuing from the client the modified request to the service, the modified request having the content so that the content does not have to again be re-supplied by a user associated with the client after successful authentication.

9.   (Cancelled).

10.   (Original) The method of claim 8 wherein the receiving further includes receiving content sent with the content-bearing request in a compressed format within the modified request.

11.   (Original) The method of claim 8 wherein the receiving further includes receiving instructions with the modified request to store content sent with the content-bearing request in a temporary file.

12.   (Previously Presented) The method of claim 11 wherein receiving the instructions further include storing the content as a cookie.

13.   (Original) The method of claim 8 wherein the receiving further includes receiving a key associated with content sent with the content-bearing request, wherein the key is subsequently used to reacquire the content.

14.   (Original) The method of claim 8 wherein issuing the content-bearing request further includes issuing the content bearing request as a Hyper Text Transfer Protocol (HTTP) communication including at least one of a PUT operation and a POST operation.

15.   (Currently Amended) A content-preserving system, comprising:
       a desired service; and
       a proxy, wherein a client issues a content-bearing request to the desired service and the proxy detects that the client is not authenticated to the desired service, and wherein the proxy preserves content associated with the content-bearing request at the client, redirects the client to an authentication service, and directs the client to issue a modified request after being authenticated, the modified request used by the proxy to reacquire the content from the client and submit the original content-bearing request to the desired service once the client is authenticated, wherein the content does not have to be re-supplied by a user that original provides the content on the client after successful authentication.

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16.   (Original) The content-preserving system of claim 15 wherein the modified request includes instructions that direct the proxy on how to reacquire the content.

17.   (Original) The content-preserving system of claim 16 wherein the instructions indicate that the content is compressed within the modified request.

18.   (Cancelled).

19.   (Previously Presented) The content-preserving system of claim 16 wherein instructions indicate that the content can be acquired from a memory or storage accessible to the client.

20.   (Original) The content-preserving system of claim 15, wherein the proxy detects that the client is not authenticated from the desired service.

21-27. (Cancelled).